Listing of Claims

1. (Original)   A telephony switching method, comprising:

receiving data from a first party;

determining whether the data from the first party is substantially all speech data;

in response to the data from the first party being substantially all speech data, then

sending the data from the first party to the speaker; and

deactivating a data transfer state by preventing a transfer of the data captured by a

microphone operable to receive data from a second party and to receive data output by a

speaker;

in response to the data from the first party not being substantially all speech data,

then determining whether a silent data threshold has been reached;

if the silent data threshold has been reached, activating the data transfer state and

recording data from the second party; and

if the data transfer state has been activated, sending the data from the second party

to the first party.

2. (Original)   The method of claim 1, further comprising decoding the data from the

first party.

3. (Original)   The method of claim 1, wherein substantially all speech data

comprises a dynamically-adjustable amount of the data from the first party that is in a

speech range.

4. (Original)   The method of claim 3, wherein the speech range is adjustable.

5. (Original)   The method of claim 1, wherein the data comprises audio data.

6. (Original) The method of claim 1, further comprising performing the steps of determining whether the data from the first party is substantially all speech data and determining whether the silent data threshold has been reached by employing object-oriented software instructions.

7. (Original) The method of claim 1, further comprising:

determining whether the data from the first party is substantially all speech data using logic residing on a computer;

determining whether the silent data threshold has been reached using the logic; and

wherein the microphone and the speaker are operatively associated with the computer.

8. (Original) A telephony switching system comprising

a speaker operable to output data received from a first party;

a microphone operable to receive data from a second party and to receive data input from the speaker;

a logic module coupled to the microphone and to the speaker and operable to

receive the data from the first party;

determine whether the data from the first party is substantially all speech data;

in response to the data from the first party being substantially all speech data, then send the audio data from the first party to the speaker; and

deactivate a data transfer state by preventing transfer of the data captured by the microphone;

in response to the data from the first party not being substantially all speech data, then determine whether a silent data threshold has been reached;

if the silent data threshold has been reached, activate the data transfer state and record data from the second party; and

if the data transfer state has been activated, send the audio data from the second party to the first party.

9. (Original) The system of claim 8, further comprising a decoder coupled to the logic module operable to receive and to decode the data.

10. (Original) The system of claim 8, wherein substantially all speech data comprises a dynamically-adjustable amount of the audio data from the first party that is in a speech range.

11. (Original) The system of claim 10, wherein the speech range is adjustable.

12. (Original) The system of claim 8, wherein the data comprises audio data.

13. (Original) The system of claim 8, wherein the microphone resides on a wireless device.

14. (Original) A telephony switching application, comprising
a computer readable medium; and
application software residing on the computer readable medium and operable to receive data from a first party;
determine whether the data from the first party is substantially all speech data;
in response to the data from the first party being substantially all speech data, then send the audio data from the first party to the speaker; and
deactivate a data transfer state by preventing transfer of the data captured by the microphone operable to receive data from a second party and to receive data output by a speaker;
if the data from the first party is not substantially all speech data, then determine whether a silent data threshold has been reached;
if the silent data threshold has been reached, activate the data transfer state and record data from the second party; and

if the data transfer state has been activated, send the audio data from the second party to the first party.

15. (Original) The application of claim 14, wherein the application software is further operable to decode the data from the first party.

16. (Original) The application of claim 14, wherein substantially all speech data comprises dynamically-adjustable amount of the data from the first party that is in a speech range.

17. (Original) The application of claim 16, wherein the speech range is adjustable.

18. (Original) The application of claim 14, wherein the data comprises audio data.

19. (Original) The application of claim 14, wherein the application software is operable to perform the steps of determining whether the data from the first party is substantially all speech data and determining whether the silent data threshold has been reached by employing object-oriented software instructions.

20. (Original) The application of claim 14, wherein the computer-readable medium is operatively associated with a computer, and the microphone and the speaker are operatively associated with the computer.

21. (Original) A telephony switching application, comprising:

a speaker operatively associated with a computer and operable to output data received from a first party;

a microphone operatively associated with the computer and operable to receive data from a second party and to receive data input from the speaker;

a logic module residing on the computer and coupled to the microphone and to the

speaker and operable to

receive the data from the first party;

determine whether the data from the first party is substantially all speech data;

in response to the data from the first party being substantially all speech data, then

send the audio data from the first party to the speaker; and

deactivate a data transfer state by preventing transfer of the data captured by the

microphone;

if the data from the first party is not substantially all speech data, then determine

whether a silent data threshold has been reached;

if the silent data threshold has been reached, activate the data transfer state and

record data from the second party; and

if the data transfer state has been activated, send the audio data from the second

party to the first party.